

Lubet

1644LUBET

P 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/258,947

DATE: 08/11/1999
TIME: 15:30:44

Input Set: I258947.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

P.5

ENTERED

1 <110> APPLICANT: Miller, Jonathan L.
2 Lyle, Vicki A.
3 <120> TITLE OF INVENTION: MIMOTOPES AND ANTI-MIMOTOPES OF HUMAN PLATELET
4 GLYCOPROTEIN IB/IX
5 <130> FILE REFERENCE: 011.00117
6 <140> CURRENT APPLICATION NUMBER: US/09/258,947
7 <141> CURRENT FILING DATE: 1999-03-01
8 <150> EARLIER APPLICATION NUMBER: 08/406,330
9 <151> EARLIER FILING DATE: 1995-03-17
10 <150> EARLIER APPLICATION NUMBER: 08/556,597
11 <151> EARLIER FILING DATE: 1995-11-13
12 <160> NUMBER OF SEQ ID NOS: 174
13 <170> SOFTWARE: PatentIn Ver. 2.0
14 <210> SEQ ID NO 1
15 <211> LENGTH: 10
16 <212> TYPE: PRT
17 <213> ORGANISM: Artificial Sequence
18 <220> FEATURE:
19 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
20 Anti-mimotopes of Human Platelet Glycoprotein
21 Ib/IX
22 <400> SEQUENCE: 1
23 Ala Trp Asn Trp Arg Tyr Arg Glu Tyr Val
24 1 5 10
25 <210> SEQ ID NO 2
26 <211> LENGTH: 10
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
31 Anti-mimotopes of Human Platelet Glycoprotein
32 Ib/IX
33 <400> SEQUENCE: 2
34 Lys Trp Asn Trp Arg Asn Lys Lys Tyr Val
35 1 5 10
36 <210> SEQ ID NO 3
37 <211> LENGTH: 10
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
42 Anti-mimotopes of Human Platelet Glycoprotein
43 Ib/IX
44 <400> SEQUENCE: 3

DATE: 08/11/1999
TIME: 15:30:44

```

45      Leu Ser Thr Trp Arg Tyr Phe Glu Tyr Val
46          1              5              10
47 <210> SEQ ID NO 4
48 <211> LENGTH: 10
49 <212> TYPE: PRT
50 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
53      Anti-mimotopes of Human Platelet Glycoprotein
54      Ib/IX
55 <400> SEQUENCE: 4
56      Tyr Leu Gly Trp Arg Tyr Ser Glu Tyr Val
57          1              5              10
58 <210> SEQ ID NO 5
59 <211> LENGTH: 10
60 <212> TYPE: PRT
61 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
64      Anti-mimotopes of Human Platelet Glycoprotein
65      Ib/IX
66 <400> SEQUENCE: 5
67      Thr Gln Met Trp Arg Ala Arg Glu Tyr Leu
68          1              5              10
69 <210> SEQ ID NO 6
70 <211> LENGTH: 10
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
75      Anti-mimotopes of Human Platelet Glycoprotein
76      Ib/IX
77 <400> SEQUENCE: 6
78      Trp Arg Gln Arg Glu Tyr Trp Asp Pro Val
79          1              5              10
80 <210> SEQ ID NO 7
81 <211> LENGTH: 10
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
86      Anti-mimotopes of Human Platelet Glycoprotein
87      Ib/IX
88 <400> SEQUENCE: 7
89      Glu Gly Ser Trp Arg Tyr Arg Lys Gly Gly
90          1              5              10
91 <210> SEQ ID NO 8
92 <211> LENGTH: 10
93 <212> TYPE: PRT
94 <213> ORGANISM: Artificial Sequence

```

B: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/258,947DATE: 08/11/1999
TIME: 15:30:44

Input Set: I258947.RAW

95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
97 Anti-mimotopes of Human Platelet Glycoprotein
98 Ib/IX
99 <400> SEQUENCE: 8
100 Gly Tyr His Trp Trp Arg Asn Trp Glu Tyr
101 1 5 10
102 <210> SEQ ID NO 9
103 <211> LENGTH: 10
104 <212> TYPE: PRT
105 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
108 Anti-mimotopes of Human Platelet Glycoprotein
109 Ib/IX
110 <400> SEQUENCE: 9
111 Lys Gly Phe Leu Trp Arg Ala Arg Asn Trp
112 1 5 10
113 <210> SEQ ID NO 10
114 <211> LENGTH: 10
115 <212> TYPE: PRT
116 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
119 Anti-mimotopes of Human Platelet Glycoprotein
120 Ib/IX
121 <400> SEQUENCE: 10
122 Met Asn Trp Lys His Trp Arg Ala Arg His
123 1 5 10
124 <210> SEQ ID NO 11
125 <211> LENGTH: 10
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
130 Anti-mimotopes of Human Platelet Glycoprotein
131 Ib/IX
132 <400> SEQUENCE: 11
133 Phe Lys Trp Arg Glu Trp Arg Gly Lys Leu
134 1 5 10
135 <210> SEQ ID NO 12
136 <211> LENGTH: 10
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
141 Anti-mimotopes of Human Platelet Glycoprotein
142 Ib/IX
143 <400> SEQUENCE: 12
144 Pro Asp Arg Gln Val Arg Leu Trp Val Arg

: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/258,947

DATE: 08/11/1999

TIME: 15:30:44

Input Set: I258947.RAW

```
145          1          5          10
146 <210> SEQ ID NO 13
147 <211> LENGTH: 10
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
152      Anti-mimotopes of Human Platelet Glycoprotein
153      Ib/IX
154 <400> SEQUENCE: 13
155      Arg Val Leu Arg His Trp His Pro Arg Thr
156          1          5          10
157 <210> SEQ ID NO 14
158 <211> LENGTH: 10
159 <212> TYPE: PRT
160 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
163      Anti-mimotopes of Human Platelet Glycoprotein
164      Ib/IX
165 <400> SEQUENCE: 14
166      Gly Arg Arg Val Trp Met Leu Asn His Gly
167          1          5          10
168 <210> SEQ ID NO 15
169 <211> LENGTH: 10
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
174      Anti-mimotopes of Human Platelet Glycoprotein
175      Ib/IX
176 <400> SEQUENCE: 15
177      Lys Lys Gly Arg His His Val Thr Arg Val
178          1          5          10
179 <210> SEQ ID NO 16
180 <211> LENGTH: 10
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
185      Anti-mimotopes of Human Platelet Glycoprotein
186      Ib/IX
187 <400> SEQUENCE: 16
188      Gly Gly Val Cys Lys Cys Trp Gln Cys Leu
189          1          5          10
190 <210> SEQ ID NO 17
191 <211> LENGTH: 10
192 <212> TYPE: PRT
193 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
```

: 5

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/258,947

DATE: 08/11/1999
TIME: 15:30:44

Input Set: I258947.RAW

```

195 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
196 Anti-mimotopes of Human Platelet Glycoprotein
197 Ib/IX
198 <400> SEQUENCE: 17
199 Phe Ser His Ser Tyr Gly Ser Ala Ile Arg
200 1 5 10
201 <210> SEQ ID NO 18
202 <211> LENGTH: 10
203 <212> TYPE: PRT
204 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
207 Anti-mimotopes of Human Platelet Glycoprotein
208 Ib/IX
209 <400> SEQUENCE: 18
210 Met His Gly His Arg Arg Pro Gly Leu Ala
211 1 5 10
212 <210> SEQ ID NO 19
213 <211> LENGTH: 10
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
218 Anti-mimotopes of Human Platelet Glycoprotein
219 Ib/IX
220 <400> SEQUENCE: 19
221 Met Ser Lys Lys Pro His Leu Gly Leu Arg
222 1 5 10
223 <210> SEQ ID NO 20
224 <211> LENGTH: 10
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
229 Anti-mimotopes of Human Platelet Glycoprotein
230 Ib/IX
231 <400> SEQUENCE: 20
232 Thr Met Trp Val Glu Leu Tyr Ser Leu Lys
233 1 5 10
234 <210> SEQ ID NO 21
235 <211> LENGTH: 10
236 <212> TYPE: PRT
237 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence:Mimotopes and
240 Anti-mimotopes of Human Platelet Glycoprotein
241 Ib/IX
242 <400> SEQUENCE: 21
243 Phe Val Asp Pro Gly Arg Ala Gly Arg Gly
244 1 5 10

```

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

PAGE: 6

VERIFICATION SUMMARY
PATENT APPLICATION US/09/258,947

DATE: 08/11/1999
TIME: 15:30:44

Input Set: I258947.RAW

Line ? Error/Warning

Original Text

1932 W "N" or "Xaa" used: Feature required

Trp Arg Xaa Xaa Glu Tyr